Steffan

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[54]	METHOD OF MAKING COLLAGEN FIBERS FOR SURGICAL USE	
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57] ABSTRACT

method is provided for the manufacture of collagen pers for surgical purposes, in which Achilles tendons hides from cottle are decomposed in an alkaline meum and are mechanically treated after treatment with acid, deswelled, crosslinked and dried, wherein that chilles tendons are decomposed in an alkaline medium an amino-nitrogen content of from 0.15 to 0.30 µmos/g and after a hydrochloric acid treatment and washg to a pH value of from 2 to 4, the swollen collagen bstance is reduced in thickness under pressure formg a two-dimensional network, then the individual ngitudinal fibers are exposed by hackling, and then, ter deswelling, the fibers are cross-linked with hexaethylene diisocyanate in the presence of a nonionic or tionic emulsifier and are dehydrated and further processed on textile machines.

7 Claims, No Drawings